

## FLIGHT SUMMARY REPORT

**Flight Number:** 03-944/9044  
**Calendar/Julian Date:** 24 June 2003 (175)  
**Sensor Package:** MODIS Airborne Simulator (MAS)  
**Area(s) Covered:** Aspen Fire, AZ/Lake Mead, NV  
**Investigator(s):** Functional Check Flight      **Aircraft Number:** 809

## SENSOR DATA

**Accession #:** \_\_\_\_  
**Sensor ID #:** 108  
**Sensor Type:** MAS-50  
**Focal Length:** \_\_\_\_  
**Film Type:** \_\_\_\_  
**Filtration:** \_\_\_\_  
**Spectral Band:** \_\_\_\_  
**f-Stop:** \_\_\_\_  
**Shutter Speed:** \_\_\_\_  
**# of Frames:** \_\_\_\_  
**% Overlap:** \_\_\_\_  
**Quality:** \_\_\_\_  
**Remarks:**

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 24 Jun 2003  
NASA FLIGHT NUMBER 03-944

START OF FLIGHT LINE

END OF FLIGHT LINE

FLIGHT DATA

| FLTL | TIME<br>HH:MM:SS | LAT<br>DEG | LON<br>DEG | SOLAR |       | TIME<br>HH:MM:SS | LAT<br>DEG | LON<br>DEG | SOLAR |       | SCAN<br>LINES | HEAD<br>DEG | ALT<br>M (MSL) |
|------|------------------|------------|------------|-------|-------|------------------|------------|------------|-------|-------|---------------|-------------|----------------|
|      |                  |            |            | ZEN   | AZIM  |                  |            |            | ZEN   | AZIM  |               |             |                |
| 1    | 17:23:18         | 34.377     | -115.072   | 32.2  | 100.5 | 17:42:02         | 33.470     | -112.863   | 26.4  | 105.1 | 6999          | 117.2       | 19976          |
| 2    | 17:42:03         | 33.470     | -112.862   | 26.4  | 105.1 | 18:00:34         | 32.729     | -110.776   | 20.8  | 111.1 | 6922          | 122.8       | 16828          |
| 3    | 18:01:10         | 32.700     | -110.745   | 20.7  | 111.3 | 18:08:11         | 32.295     | -110.738   | 19.1  | 112.8 | 2624          | 192.6       | 13736          |
| 4    | 18:09:29         | 32.255     | -110.653   | 18.8  | 113.3 | 18:11:48         | 32.254     | -110.451   | 18.2  | 114.5 | 865           | 96.0        | 13725          |
| 5    | 18:17:07         | 32.566     | -110.455   | 17.3  | 117.6 | 18:24:05         | 32.575     | -110.909   | 16.4  | 120.0 | 2607          | 262.2       | 13737          |
| 6    | 18:31:27         | 32.495     | -110.510   | 14.7  | 124.6 | 18:34:59         | 32.510     | -110.740   | 14.3  | 126.3 | 1324          | 267.4       | 13720          |
| 7    | 18:35:20         | 32.510     | -110.763   | 14.3  | 126.4 | 18:38:00         | 32.485     | -110.930   | 13.9  | 127.6 | 998           | 256.6       | 13722          |
| 8    | 18:39:15         | 32.535     | -110.998   | 13.8  | 128.4 | 19:04:45         | 34.650     | -113.263   | 13.0  | 147.4 | 9555          | 318.0       | 17190          |
| 9    | 19:05:18         | 34.689     | -113.323   | 13.0  | 147.8 | 19:07:59         | 34.833     | -113.658   | 13.0  | 149.3 | 1005          | 298.6       | 20018          |
| 10   | 19:08:06         | 34.839     | -113.673   | 13.0  | 149.4 | 19:13:56         | 35.098     | -114.450   | 13.0  | 152.4 | 2186          | 293.5       | 19944          |
| 11   | 19:14:37         | 35.153     | -114.520   | 13.0  | 152.9 | 19:17:50         | 35.504     | -114.685   | 13.1  | 156.0 | 1208          | 341.3       | 19879          |
| 12   | 19:18:24         | 35.568     | -114.688   | 13.1  | 156.6 | 19:26:44         | 36.463     | -114.300   | 13.3  | 167.3 | 3118          | 21.6        | 19850          |
| 13   | 19:37:12         | 35.986     | -114.987   | 12.6  | 174.8 | 19:45:57         | 35.379     | -115.941   | 12.0  | 180.0 | 3278          | 232.5       | 20085          |

NUMBER OF FILES FOR THIS FLIGHT = 13  
TOTAL NUMBER OF SCAN LINES = 42689  
DATE THESE FILES WERE PROCESSED = 21-Aug-2003  
DATE THIS LIST WAS CREATED = Mon Aug 25 13:36:04 PDT 2003  
GRANULE VERSION = 1



FLIGHT 03-9044 / 03-944

24 JUNE 2003

A/C 809

MAS50